

JD530 U.S. PT
09/559767
04/27/00

Examiner Signature	<i>[Signature]</i>	Date Considered	19 Feb 04
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/559,767
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Filing Date	04/27/2000
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First Named Inventor	Paul Andrew Miller
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Group Art Unit	2739 2662
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Examiner Name	Not Assigned
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Attorney Docket Number 1322/21/2

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner
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Date	
Considered	

19 Feb 64

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Group Art Unit	2739
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 6

Complete if Known

Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Group Art Unit	2739-2062
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2



U.S. PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A	6,236,722		Gilbert et al	05/22/2001	
	B	6,215,783		Neyman	04/10/2001	
	C	6,201,804		Kikinis	03/13/2001	
	D	6,195,425		Farris	02/27/2001	
	E	6,154,467		Hager et al.	12/05/2000	
	F	6,137,869		Voit et al.	10/24/2000	
	G	6,134,246		Cai et al.	10/17/2000	
	H	6,134,235		Goldman et al.	10/17/2000	
	I	6,128,379		Smyk	10/03/2000	
	J	6,125,177		Whittaker	09/26/2000	
	K	H1,896		Hoffpauir et al.	10/03/2000	
	L	H1,880		Vines et al.	10/03/2000	
	M	6,125,111		Snow et al.	09/26/2000	
	N	6,122,365		Yegoshin	09/19/2000	
	O	6,122,263		Dahlin et al.	09/19/2000	
	P	6,122,255		Bartholomew et al.	09/19/2000	
	Q	6,119,160		Zhang et al.	09/12/2000	
	R	6,118,779		Madonna	09/12/2000	
	S	6,115,383		Bell et al.	09/05/2000	
	T	6,112,090		Valentine	08/29/2000	

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FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A	WO	/0056032		Costa et al.	09/21/2000		
	B	WO	/0033519		Simon	06/08/2000		
	C	WO	/0031933		Elliott et al.	06/02/2000		
	D	WO	/0030369		Graf et al.	05/25/2000		
	E	WO	/0022840		Huopaniemi et al.	04/20/2000		
	F	WO	/9711563		Christie et al.	03/27/1997		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 6

Complete if Known

Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Group Art Unit	2739 7662
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
	U	6,111,893		Volftsun et al.	08/29/2000	
	V	6,111,870		Kurtz	08/29/2000	
	W	6,118,780		Dunn et al.	09/12/2000	
	X	6,097,805		Figurski et al.	08/01/2000	
	Y	6,097,719		Benash et al.	08/01/2000	
	Z	6,094,437		Loehndorf, Jr. et al.	07/25/3000	
	aa	6,084,956		Turner et al.	07/04/2000	
	bb	6,084,892		Benash et al.	07/04/2000	
	cc	6,079,036		Moharram	06/20/2000	
	dd	6,078,582		Curry et al.	06/20/2000	
	ee	6,075,783		Voit	06/13/2000	
	ff	6,067,546		Lund	05/23/2000	
	gg	6,069,890		White et al.	05/30/2000	
	hh	6,064,653		Farris	05/16/2000	
	ii	6,047,005		Sherman et al.	04/04/2000	
	jj	6,026,091		Christie et al.	02/15/2000	
	kk	6,023,502		Bouanaka et al.	02/08/2000	
	ll	6,021,126		White et al.	02/01/2000	
	mm	6,011,803		Bicknell et al.	01/04/2000	
	nn	6,011,794		Mordowitz et al.	01/04/2000	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 6

Complete if Known

Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Group Art Unit	2739-2662
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2

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		Number	Kind Code ² (if known)			
oo	6,011,780			Vaman et al.	01/04/2000	
pp	6,006,098			Rathnasabapathy et al.	12/21/1999	
qq	5,995,608			Detampel, Jr. et al.	11/30/1999	
rr	5,991,301			Christie	11/23/1999	
ss	5,974,052			Johnson et al.	10/26/1999	
tt	5,958,016			Chang et al.	09/28/1999	
uu	5,949,871			Kabay et al.	09/07/1999	
vv	5,940,598			Strauss et al.	08/17/1999	
ww	5,923,659			Curry et al.	07/13/1999	
xx	5,920,562			Christie, deceased, et al.	07/16/1999	
yy	5,971,900			Allison et al.	06/29/1999	
zz	5,912,887			Sehgal	06/15/1999	
1	5,892,822			Gottlieb et al.	04/06/1999	
2	5,889,954			Gessell et al.	03/30/1999	
3	5,878,129			Figurski et al.	03/02/1999	
4	5,872,782			Dendi	02/16/1999	
5	5,870,565			Glitho	02/09/1999	
6	5,867,495			Elliott et al.	02/02/1999	
7	5,852,660			Lindquist et al.	12/22/1998	
8	5,838,782			Lindquist	11/17/1998	

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		Number	Kind Code² (if known)			
	9	5,828,844		Civanlar et al.	10/27/1998	
	10	5,815,669		Lee et al.	09/29/1998	
	11	5,812,781		Fahlman et al.	09/22/1998	
	12	5,809,028		Nethercott et al.	09/15/1998	
	13	5,805,587		Norris et al.	09/08/1998	
	14	5,802,285		Hirviniemi	09/01/1998	
	15	5,793,771		Darland et al.	08/11/1998	
	16	5,787,255		Parlan et al.	07/28/1998	
	17	5,781,534		Perlman et al.	07/14/1998	
	18	5,774,695		Autrey et al.	06/30/1998	
	19	5,768,525		Kralowetz et al.	06/16/1998	
	20	5,768,361		Cowgill	06/16/1998	
	21	5,764,955		Doolan	06/09/1998	
	22	5,764,750		Chau et al.	06/09/1998	
	23	5,761,500		Gallant et al.	06/02/1998	
	24	5,761,281		Baum et al.	06/02/1998	
	25	5,761,500		Gallant et al.	06/02/1998	
	26	5,740,374		Raffali-Schreinemachers	04/14/1998	
	27	5,732,213		Gessel et al.	03/24/1998	
	28	5,712,903		Bartholomew et al.	01/27/1998	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 6

Complete if Known

Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Group Art Unit	2739-2662
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
	29	5,706,286		Reiman et al.	01/06/1998	
	30	5,701,301		Weisser, Jr.	12/23/1997	RECEIVED
	31	5,696,809		Voit	12/09/1997	
	32	5,680,552		Netravali et al.	10/21/1997	JUL 06 2
	33	5,675,635		Vos et al.	10/07/1997	
	34	5,664,102		Faynberg	09/02/1997	Technology Center
	35	5,657,452		Kralowetz et al.	08/12/1997	
	36	5,651,002		Van Seters et al.	07/22/1997	
	37	5,640,446		Everett et al.	06/17/1997	
	38	5,638,431		Everett et al.	06/10/1997	
	39	5,586,177		Farris et al.	12/17/1996	
	40	5,583,927		Ely et al.	12/10/1996	
	41	5,581,558		Horney, II et al.	12/03/1996	
	42	5,568,487		Sitbon et al.	10/22/1996	
	43	5,509,010		LaPorta et al.	04/16/1996	
	44	5,430,727		Callon	07/04/1995	
	45	5,420,916		Sekiguchi	05/30/1995	
	46	5,384,840		Blatchford	01/24/1995	
	47	5,315,641		Montgomery et al.	05/24/1994	
	48	5,239,542		Breidenstein et al.	08/24/1993	

FOREIGN PATENT DOCUMENTS

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Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Group Art Unit	2739 2662
Examiner Name	Not Assigned

(use as many sheets as necessary)

Sheet 6 of 6

Attorney Docket Number 1322/21/2

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

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


Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Group Art Unit	2739
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2

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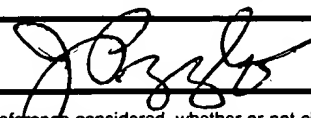
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	O'SHEA, "Mating Season," Telephony, p. 10-11, (September 20, 1999).	
	2	LAKSHMI-RATAN, "The Lucent Technologies Softswitch-Realizing the Promise of Convergence," Bell Labs Technical Journal, p. 174-195, (June 4, 1999).	
	3	HAMDI ET AL., "Voice Service Interworking for PSTN and IP Networks," IEEE Communications Magazine, p. 104-111, (May 26, 1999).	
	4	TEKELEC, "Eagle (Registered) Feature Guide," PN/9110-1225-01, (January 26, 1998).	
	5	TEKELEC, "Eagle (Registered) STP Platform," 908-0126-01, (1997).	
	6	TEKELEC, "STP Lan Interface Feature," 908-0134-01, (1997).	
	7	TEKELEC, "STP Database Transport Access Feature," 908-0136-01, (1997).	
	8	TEKELEC, "STP X.25 to SS7-IS.41 Protocol Conversion Feature," 908-0135-01, (1997).	
	9	TEKELEC, "STP ANSI-ITU Gateway Feature," 908-0133-01, (1997).	
	10	TEKELEC, "SS7-Frame Relay Access Device SS7 Protocol Information Translator," 908-0167-01, (1997).	
	11	ANONYMOUS, "Around the Loop," Telephony, p. 26, (July 22, 1996).	

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Date
Considered



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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Group Art Unit	2739
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Technology Center 2600

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	12	ZAHARYCHUK ET AL., "Gateway Signal Transfer Points: Design, Services and Benefits," IEEE, p. 223.2.1-223.2.8, (1990).	
	13	BOOTMAN ET AL., "Generic Building Blocks for the Telecommunications Management Network," IEEE, p. 6.1.1-6.1.5, (1988).	
	14	BOOTMAN, "Intelligent Network Services Using a Service Switching Node," IEEE, p. 40.7.1-40.2.4, (1998).	
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	16	O'SHEA, "The Network that's Never Done," Telephony, p. 38-43, (September 15, 1997).	
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Examiner
Signature

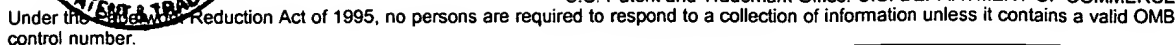
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Sheet 1 of 1

Complete if Known

Application Number	09/559.767
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Filing Date	04/27/2000
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First Named Inventor	Paul Andrew Miller
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Art Unit	2739 <i>2600 2</i>
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Examiner Name	Not Assigned
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Attorney Docket Number 1322/21/2

U.S. PATENT DOCUMENTS

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Sheet 1 of 1

Application Number	09/559.767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Art Unit	2739 2662
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2

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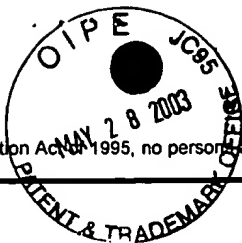
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/559,767
				Filing Date	04/27/2000
				First Named Inventor	Paul Andrew Miller
				Art Unit	2739 <i>Hele</i>
				Examiner Name	Not Assigned
Sheet	1	of	1	Attorney Docket Number	1322/21/2

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>JS</i>	B1	MICHAEL MCGREW, "Transport SS7 Signaling Over IP," Lucent Technologies Inc., p. 1-8, (November 1998).	X
<i>JS</i>	B2	CUERVO ET AL., "SS7-Internet Interworking - Architectural Framework," p. 1-9, (July 1998).	X

Examiner Signature	<i>JS</i>	Date Considered	<i>Hele</i>
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

1

of

1

Complete if Known

Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Miller et al.
Art Unit	2739-2662
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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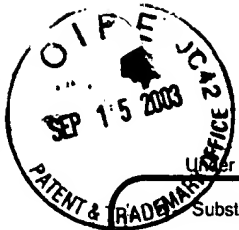
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Sheet 1 of 1

Complete if Known

Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Art Unit	2780
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)					
	A1	US-	6,411,632 B2	06/25/2002	Lindgren et al.		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Application Number

09/559.767

Filing Date

04/27/2000

First Named Inventor

Paul Andrew Miller

Art Unit

2739-7662

Examiner Name _____

Not Assigned

Attorney Docket Number

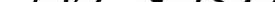
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Application Number	09/559,767
Filing Date	04/27/2000
First Named Inventor	Paul Andrew Miller
Art Unit	2739 2662
Examiner Name	Not Assigned
Attorney Docket Number	1322/21/2

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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U. S. PATENT DOCUMENTS

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	A1	US- 6,594,258 B1	07/15/2003	Larson et al.	<p>RECEIVED</p> <p>SEP 04 2003</p> <p>Technology Center 2600</p>
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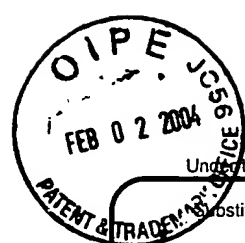
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First Named Inventor	Paul Andrew Miller
Art Unit	2739 2662
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Attorney Docket Number	1322/21/2

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		Number-Kind Code ² (if known)			
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